Army vol 3.

RULES

AND

ORDERS

FOR THE

ROYAL MILITARY ACADEMY

AT

WOOLWICH.

LONDON:

Printed by J. BULLOCK, J. SPENCER and J. BULLOCK, junr.

MDCCLXIV.

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VOL.

By JOHN MANNERS, *Marquis of* Granby, *One of His Majeſty's moſt Honourable Privy Council, Colonel of His Majeſty's Royal Regiment of Horſe Guards, Lieutenant General of His Majeſty's Forces, and Maſter General of the Ordnance.*

RULES and ORDERS

FOR THE

ROYAL MILITARY ACADEMY

AT

WOOLWICH.

WHEREAS the Maſter General of the Ordnance is impowered by His Majeſty to make ſuch Rules, Orders and Inſtructions as he ſhall judge neceſſary for the good Government of the Royal Academy at *Woolwich*. And whereas I have approved of the following Eſtabliſhment for the ſame, inſtead of the former, *viz.*

		per Annum. l.	s.	d.
1	Lieutenant Governor - -	200	00	0
1	Profeſſor of Fortification and Artillery	200	00	0
1	Profeſſor of Mathematicks -	100	00	0
1	Drawing Maſter - - -	54	15	0
1	Maſter for Writing and common Arithmetick	40	00	0
1	*French* Maſter - - -	40	00	0
1	Fencing Maſter - - -	100	00	0
2	Model Makers 2*s.* and 6*d.* each	91	5	0
	£	826	00	0

It is therefore ORDERED,

I. THAT the Lieutenant Governor, in the Abſence of the Governor, ſuperintend the Royal Military Academy, and ſee that the Rules and Orders hereby given, or which may hereafter be given by the Maſter General, or in his Abſence, by the Principal Officers of the Ordnance, for the better Government of the ſaid Academy, be ſtrictly obſerved.

II. HE is to take care that the Profeſſors and Maſters do diligently perform the ſeveral Duties pre-

preſcribed; and that they teach the Principles of the Art of War, and the Sciences on which they are founded, in as full and effectual a manner as poſſible: And in caſe of any Remiſsneſs or Diſobedience in them, he is to report the ſame to the Maſter General, or in his Abſence, to the Principal Officers of His Majeſty's Ordnance.

Alſo he is to report to the Maſter General and the Principal Officers of His Majeſty's Ordnance, from time to time whatever he ſhall find neceſſary for carrying on this Service, ſo that this laudable Inſtitution may be rendered as perfect as poſſible, both as to the Morals and Education of the Youth under his Charge.

III. The ſaid Academy ſhall be held every Day of the Year, *Sundays* and Holidays excepted; and except all ſuch Times as the Maſter General of the Ordnance, or in his Abſence, the Lieutenant General and Principal Officers of the ſame ſhall think fit to direct.

IV. The Academy Hours, to be from Nine in the Morning to Twelve, and from Three in the Afternoon to Six.

V. The Profeſſor of Fortification and Artillery, to teach on *Mondays*, *Wedneſdays*, and *Fridays* in the Forenoon; the Profeſſor of Mathematicks to teach on the ſame Days in the Afternoon.

The Drawing Maſter to teach on *Tueſdays*, *Thurſdays*, and *Saturdays* in the Forenoon, and the *French* Maſter in the Afternoon of thoſe Days; The Writing Maſter to teach on *Mondays*, *Wedneſdays*, and *Fridays*, both in the Morning and Afternoon. The Fencing Maſter to give Leſſons after Academy Hours.

VI. The Profeſſor of Fortification and Artillery ſhall teach Practical Geometry and Mathematicks, particularly applied to the raiſing and tranſporting heavy Weights, the Arts of Surveying and Levelling, with their Application to the conveying of Water, or draining Moraſſes.

VII. He ſhall teach the Science of Fortification in all its Parts, with the manner of Attacking and Defending Places, as likewiſe the Uſe, Conduct, and Direction of Mines.

VIII. He ſhall teach the Rudiments of Military Architecture, particularly the Method of making Plans,

Plans, Elevations and Sections of Powder Magazines, Guard Rooms, Barracks, Storehouſes, and other Buildings that may be neceſſary in fortified Towns.

IX. He ſhall teach the Theory of Artillery, *viz.*

The Doctrine of Projectiles, ſo as to apply the ſame to Gunnery.

The Principles on which the ſeveral Pieces of Ordnance and their Carriages are conſtructed, and the Method of forming exact Draughts of the ſame, according to the Tables uſed by the Office of Ordnance.

Likewiſe the Names, Uſes and Dimenſions of all other Engines and Implements of War.

X. He ſhall teach by the following Books, *viz.*

Gregory's Practical Geometry.
Vauban's Treatiſe of Fortifications.
Muller's Elements of Fortifications.
Muller's Attack and Defence of Fortified Places.

XI. The Profeſſor of Mathematicks ſhall teach the Principles of Arithmetick and Algebra, the Elements of Geometry, the Menſuration of Superficies and Solids, plain Trigonometry, the Elements

of

of Conic Sections, and the Theory of Perſpective; as alſo Geography, and the Uſe of the Globes.

XII. He ſhall teach by the following Books, *viz.*

Select Parts of Profeſſor *Saunderſon*'s Elements of Algebra, including common Arithmetick.

Simpſon's Elements of Geometry.

Hawney's Menſuration of Superficies and Solids.

Kirby's Theory of Perſpective.

Cowley's Theory of Perſpective demonſtrated.

Salmon's Geography.

Harris on the Uſe of the Globes.

XIII. The Drawing Maſter ſhall teach the Method of Sketching Ground, the Taking of Views, the Drawing of Civil Architecture, and the Practice of Perſpective.

XIV. The *French* Maſter ſhall uſe his beſt Endeavours to perfect the Gentlemen Cadets in the *French* Language, both as to ſpeaking it fluently and writing it with accuracy.

XV. The Writing Maſter ſhall perfect the Gentlemen Cadets in Writing, and qualify them in Arithmetic as far as the Rule of Three.

XVI.

XVI. THE Profeſſors and Maſters are hereby required to pay all due Obedience to the Maſter General, the Lieutenant General, and Principal Officers of the Ordnance, and Lieutenant Governor of the Royal Military Academy.

XVII. THE Profeſſors and Maſters ſhall reſide at *Woolwich*, be conſtant and regular in their Attendance at the appointed Hours, and ſhall not abſent themſelves from the Academy without Leave obtained from the Maſter General, or in his Abſence, from the Principal Officers of the Ordnance, or the Lieutenant Governor.

XVIII. THAT the Profeſſors and Maſters take care that their Pupils do fairly tranſcribe in Books, or preſerve in Port Folios, ſuch Parts of their Performances as may be neceſſary, from time to time, to ſhew the Proficiency they have made in their different Studies.

XIX. THAT the Education of the Gentlemen Cadets, and ſuch who have Leave to attend the Academy, may not be interrupted, or their Attention taken off, it is hereby ſtrictly ordered, that the Profeſſor or Maſter on Duty, do not permit

any

any Perſon whatſoever to come into the Academy, during Academy Hours, except the Maſter General, the Principal Officers of the Ordnance, or the Lieutenant Governor.

XX. That each Profeſſor or Maſter from time to time deliver to the Lieutenant Governor an Account in Writing, of whatever Inſtruments, Books, Port Folios, or other Articles which may be neceſſary for the Gentlemen Cadets in his Department, ſo that the Lieutenant Governor may report thereon.

XXI. Whatever may be wanting for the Service of the Academy, the Profeſſors and Maſters to report the ſame to the Lieutenant Governor, that he may repreſent the ſame to the Board.

XXII. That no Profeſſor or Maſter ſhall inſtruct in the Academy, any private Scholar, without Leave firſt obtained from the Maſter General, or the Principal Officers of the Ordnance.

XXIII. The Gentlemen Cadets ſhall be conducted at the ſtated Hours to the Academy by their proper Officer, and delivered over to the Care

Care of the Profeſſor or Maſter on Duty, under whoſe Authority they are abſolutely to be during his Lecture; at the Expiration of which, the ſaid Officer is to receive them again, and if any have miſbehaved, the Maſter is to deliver his Complaint in Writing to the Officer, who is as ſoon as poſſible, to report the ſame to the Lieutenant Governor.

XXIV. The Cadets to be divided into four Claſſes under each Profeſſor or Maſter, and to take their Seats in the Academy accordingly.

XXV. They are to obſerve, during the Academy Hours, the greateſt Decency and good Order; be diligent in their Studies, and ſhew Reſpect and Attention to the Profeſſors and Maſters.

XXVI. They are not to quit the Academy during the appointed Hours on any Prentence whatever, without Leave from the Profeſſor or Maſter on Duty.

XXVII. There ſhall be annually a general Examination of the Gentlemen Cadets, made in the Preſence of the Maſter General or Principal Officers

Officers of the Ordnance, or any Three of them, on the First of *March*, (unleſs it ſhould fall on a *Sunday*, and then to be on the Day following) when Prizes of Honour,

will be given to thoſe who ſhall then diſtinguiſh themſelves by the Proficiency they have made in their Studies.

XXVIII. ALL Perſons who have Leave from the Maſter General, or the Principal Officers of the Ordnance, to be inſtructed at this Academy, ſhall be ſubject to the Authority of the Lieutenant Governor, and ſhall ſtrictly conform to, and obſerve all the Rules and Orders preſcribed for the Gentlemen Cadets, during the Academy Hours: And the Profeſſor or Maſter ſhall report to the Lieutenant Governor if they ſhould be guilty of any Miſbehaviour.

Office of Ordnance. } *July* 1, 1764.